gels

In Vitro Antibacterial and Anti-Inflammatory Properties of Imidazolium Poly(Ionic Liquids) Microspheres Loaded in GelMA-PEG Hydrogels

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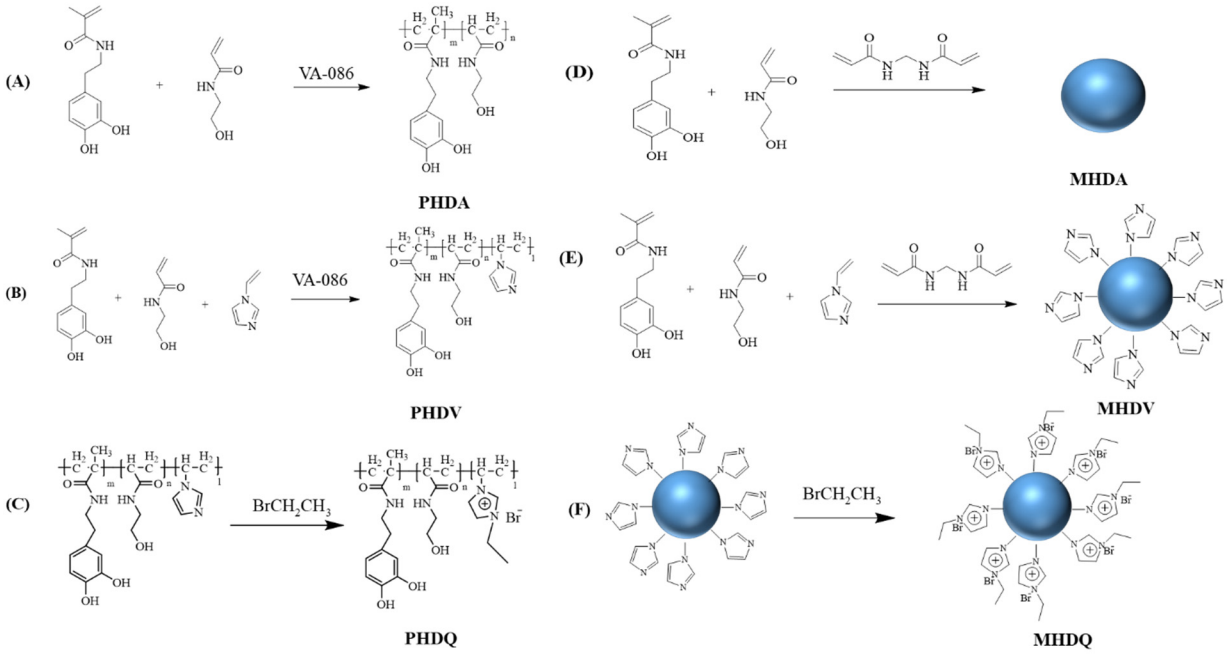

Figure S1. Procedure of synthesis of (**A**) PHDA, (**B**) PHDV, (**C**) PHDQ, (**D**)MHDA, (**E**) MHDV and (**F**) MHDQ.

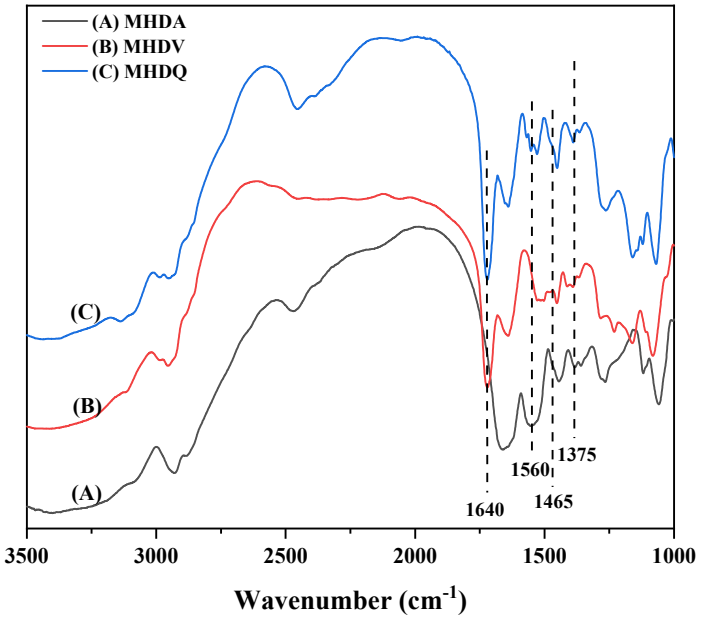

Figure S2. FT-IR of (**A**) MHDA; (**B**) MHDV; (**C**) MHDQ.

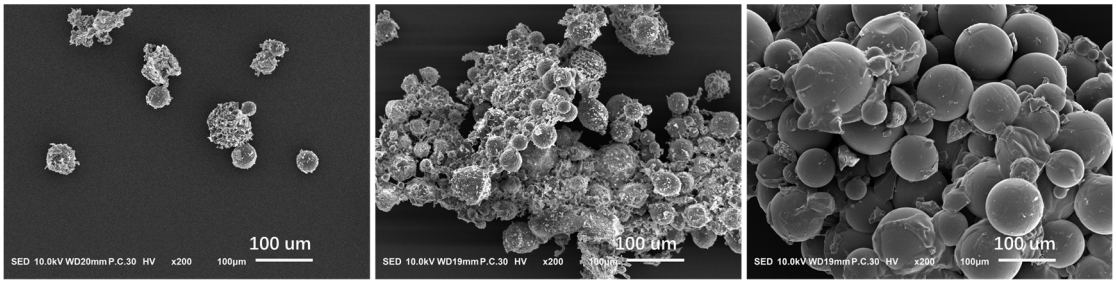

Figure S3. Surface topography of microspheres: (**A**) MHDA, (**B**) MHDV and (**C**) MHDQ.

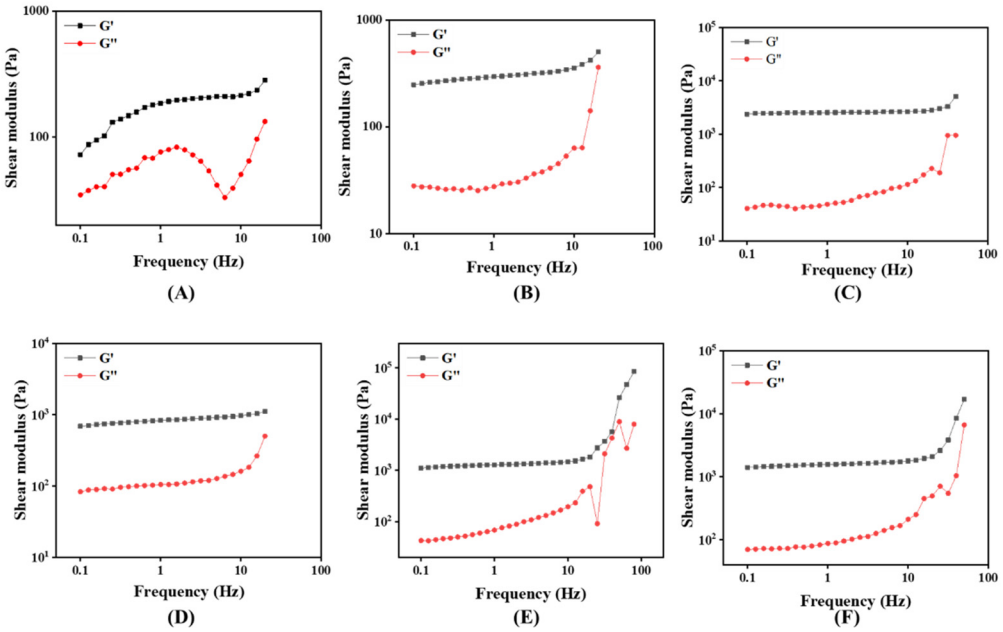

Figure S4. Frequency scanning of (**A**) PHDA-gel, (**B**)PHDV-gel, (**C**) PHDQ-gel, (**D**) MHDA-gel, (**E**) MHDV-gel (**F**) MHDQ-gel at constant strain γ= 0.5%, F= 0.1–20 Hz.